

San Mateo County Mosquito And Vector Control District

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Assistant Manager

Who We Are

- Protecting public health since 1916
- Mission: "To safeguard the health and comfort of the citizens of San Mateo County through a planned program to monitor and reduce mosquitoes and other vectors."
- Independent special district funded by property taxes and special assessments
- Services provided at no charge to residents of San Mateo County



Overview



Integrated Pest Management

- Surveillance
- Biological control
- Physical control
- Larval/Adult control
- Public education



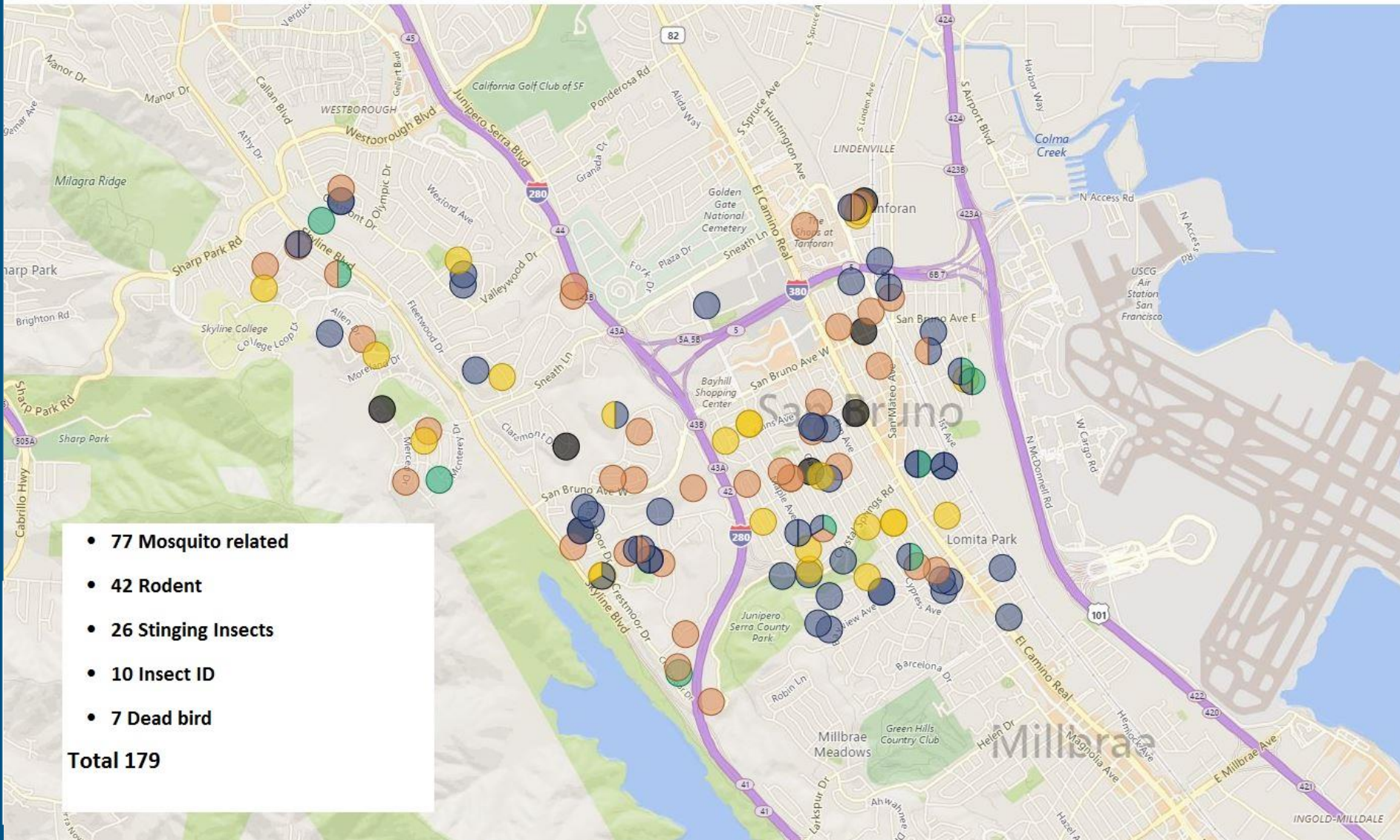


- **803** property visits in 2018
- Site inspections
- Requests for service
- Mosquito surveillance

San Bruno

Service Request Locations

● Insect ID ● Dead Bird/Squirrels ● Mosquito related ● Rodents ● Stinging Insects

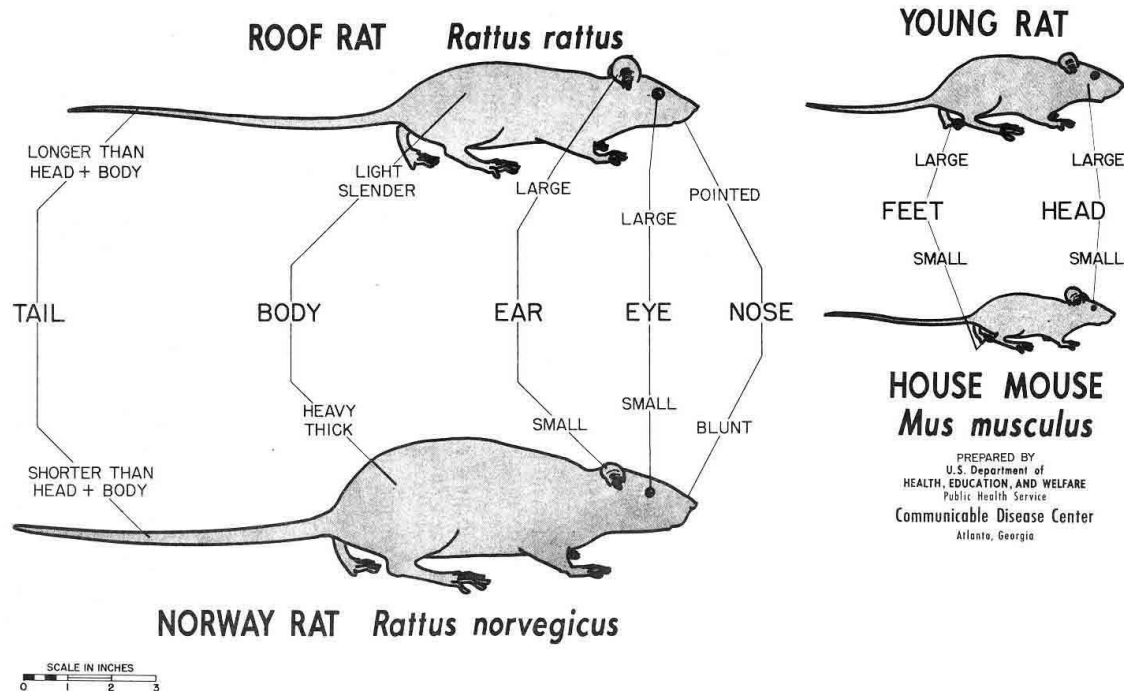


- 77 Mosquito related
- 42 Rodent
- 26 Stinging Insects
- 10 Insect ID
- 7 Dead bird

Total 179

Resurgence of rats

FIELD IDENTIFICATION OF DOMESTIC RODENTS



Signs of Rodent Activity

- Live or dead rodents
- Noises/odors
- Gnawing damage
- Droppings
- Tracks
- Rub marks
- Damage to fruit or gardens



Rodent Exclusion

- Seal up ALL openings larger than a dime
- Doors and windows should shut tightly with no gaps
- Check where wires and pipes enter the home
- Don't forget roof openings and eaves!
- Seal up garages and sheds, too



Sanitation

- Harvest fruit promptly
- Rodent proof cans
- Feed pets indoors
- Pick up pet waste
- Don't leave bird feeders out at night



Avoiding Vehicle Damage

- Rodent-proof your garage
- Trim vegetation away from driveway
- Keep hood open
- Leave a light on
- Start vehicle frequently
- Avoid using car cover
- Be careful about food/crumbs in the car



Mills Field

- Over 150 acres
- Over 50 man hours
- Supported by SFO



Mills Field applications



Will start the first week in July
and run through Sept/Oct.

West Nile Virus CONTROL DISTRICT in San Mateo County 2018

- 2 birds submitted by residents of SB
- 10 CO2 traps are deployed within a half a mile of where the positive bird is found
- If the mosquitoes test positive for WNV our district conducts a fogging treatment



137 birds tested for WNV



5 WNV positive bird



No mosquitoes tested positive for WNV

Risk of Mosquito-Borne Disease in the Bay Area

Dengue	extremely low
Chikungunya	extremely low
Yellow fever	extremely low
Zika	extremely low
West Nile virus	low

What is Spartina?

- Spartina is a perennial grass that is grown in tidal areas.
- It was introduced here by the Army Corp of Engineers in the 1970s' to help with erosion control.
- The *Spartina alterniflora* became hybridized with native *Spartina foliosa* and this version became the dominant vegetation type in these tidal areas.
- USFWS and California State Coastal Conservancy established the Invasive Spartina Project in 2000 in hopes to eradicate the hybridized spartina.



San Bruno Marsh in 2008



San Bruno Marsh in 2018



Open House April 18th



Everyone is welcome!

For Further Questions



- Stop by the office at 1351 Rollins Rd. in Burlingame
- Call (650) 344 – 8592
- Email info@smcmvcd.org
- Visit www.smcmvcd.org